ABSTRACT

A method and system for supporting, at a PDSN, simultaneous data sessions on dissimilar access networks. A PDSN has a first network communication interface for connection to a first network, a second network communication interface for connection to a second network, and a protocol abstraction routine executable by a processing unit. The PDSN can use the protocol abstraction routine to identify if a data packet is associated with a first RP transfer protocol or a second RP transfer protocol. After making the determination, the protocol abstraction routine can decapsulate or encapsulate the data packet according to the associated RP transfer protocol, for transmission to the first network or the second network.